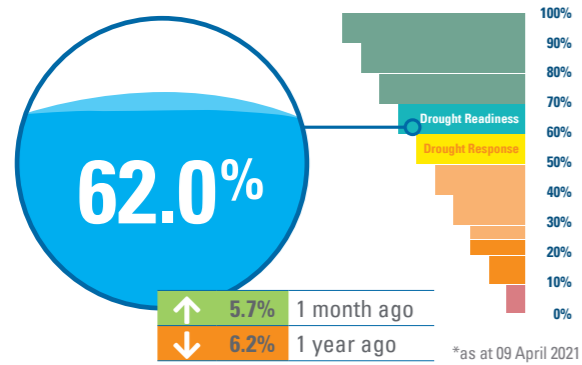
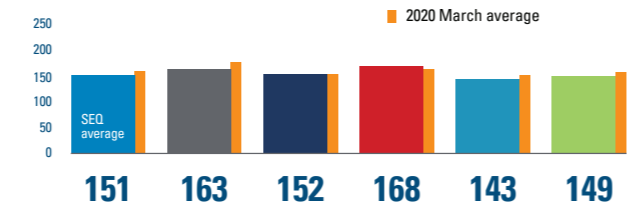


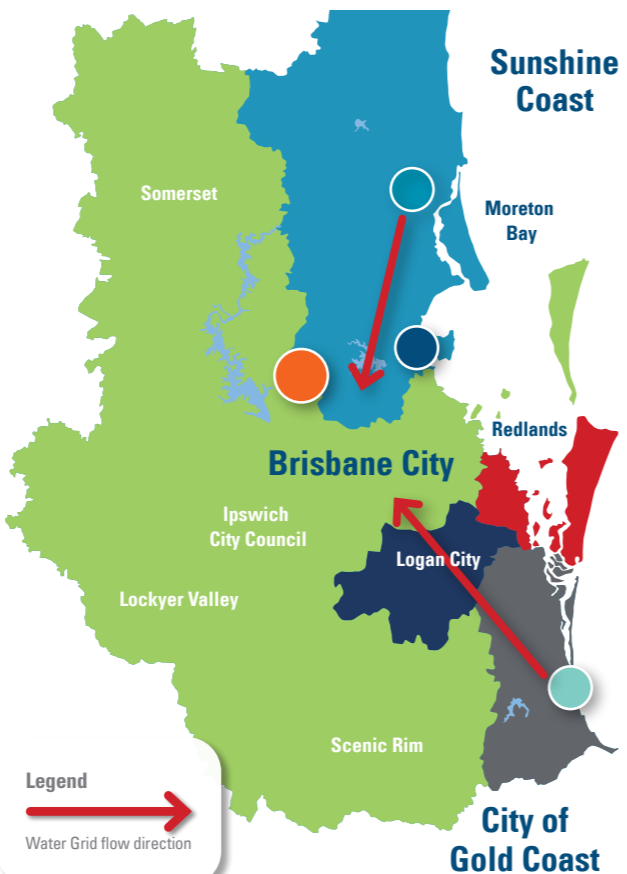
SEQ Water Grid capacity



Average daily residential consumption (L/Person)



*Data range is 25/02/2021 to 24/03/2021 and 27/02/2020 to 25/03/2020
See map below and legend at the bottom of the page for water service provider information.



Dam storage levels

*Data correct at 09 April 2021 – Dams selected are largest storages for north, south and central areas. Visit the Seqwater website for more information.

Baroon Pocket

Full supply capacity **61,000 ML**
Current capacity **61,908 ML**

- ↑ 6.7% 1 week ago
- ↑ 12.7% 1 month ago
- ↑ 2.0% 1 year ago

STORAGE LEVEL 101.5%

North Pine (Lake Samsonvale)

Full supply capacity **214,302 ML**
Current capacity **146,892 ML**

- ↑ 6.3% 1 week ago
- ↑ 20.3% 1 month ago
- ↑ 1.6% 1 year ago

STORAGE LEVEL 68.5%

Wivenhoe/Somerset

Full supply capacity **1,545,089 ML¹**
Current capacity **776,368 ML**

- ↑ 3.0% 1 week ago
- ↑ 4.2% 1 month ago
- ↓ 9.4% 1 year ago

STORAGE LEVEL 50.2%

¹combined dam levels

Hinze

Full supply capacity **310,730 ML**
Current capacity **327,573 ML**

- ↑ 0.8% 1 week ago
- ↑ 4.7% 1 month ago
- ↑ 6.2% 1 year ago

STORAGE LEVEL 105.4%

SEQ Water Grid operations and overall water security position

The South East Queensland (SEQ) Water Grid storage is currently at 62.0%, and is down 6.2% compared to this time last year. Recent rainfall in March and early April has increased levels in coastal storages, with Baroon Pocket at full capacity and currently spilling; and North Pine reaching its Reduced Full Supply Level of approximately 68%. The region's largest water storages, Somerset and Wivenhoe, have only received minor inflows from recent rain, with the combined storage level now at 50.2%. This is down 9.4% compared to this time last year. Wivenhoe Dam accounts for over half of the Water Grid storage volume and has not filled since May 2015.

Hinze Dam remains at full capacity and is spilling. Production at the Molendinar and Mudgeeraba water treatment plants (both supplied by Hinze Dam) continues to be prioritised to make use of the excess water. The Gold Coast Desalination Plant also continues to supplement water supply to the central region in order to reduce demand on the Wivenhoe and Somerset storages.

Grid flow operations help to distribute water to where it is needed most in SEQ. The Southern Regional Water Pipeline continues to operate in a northerly direction, and is supported by the Gold Coast Desalination Plant. In the month of March, the Northern Pipeline Interconnector operated in a southerly direction.

The average residential water usage for March was 151 litres per person, per day (LPD). This is lower than this time last year, and is close to the region's drought response target of 150 LPD.

Rainfall for May to July is likely to be below average for large areas of northern and eastern mainland Australia, according to the Bureau of Meteorology (BOM). May to July maximum temperatures are likely to be warmer than average Australia wide. The El Niño–Southern Oscillation is neutral, as are most other climate drivers.

End of month storage decline assuming a repeat of the particularly dry 2019 year (2020 data not used):

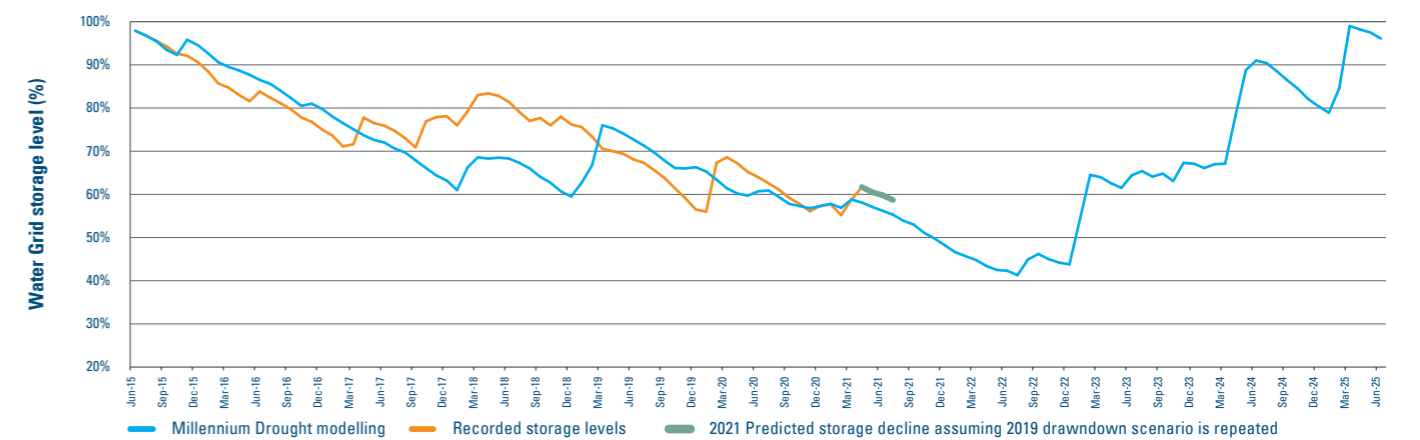
Apr 21	61.7%	Jun 21	59.8%
May 21	60.5%	July 21	58.7%

Water Grid storage

Water Grid storage actual drawdown to March 2021, and projected drawdown to July 2021.

The Water Grid drawdown graph shows historical storage data and a projected four month drawdown if the rate observed during the dry calendar year of 2019 was repeated.¹ The 2019 data is used because it was a particularly dry year. The Water Grid storage could reach 50% as soon as December 2021 if dry conditions, as observed in 2019, were to continue from April onwards. The Millennium Drought is shown with today's demand, current grid and Drought Response Plan to compare drawdowns over an extended drought period (see Figure 1).

Figure 1: Water Grid storage drawdowns



1. This projected drawdown does not account for differences in demand and supply conditions, such as continued operation of the Gold Coast Desalination Plant.

Soil moisture

The deep soil moisture for the Brisbane River catchment is at 32.82% full.

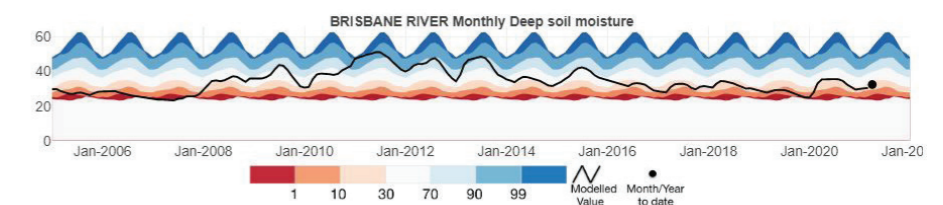
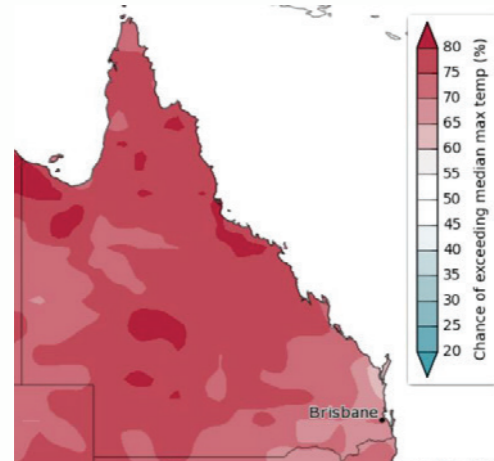


Figure 2: Brisbane River catchment monthly deep soil moisture – modelled estimate to Apr 2021 (source Bureau of Meteorology AWRA-L)

Weather outlook

Temperature

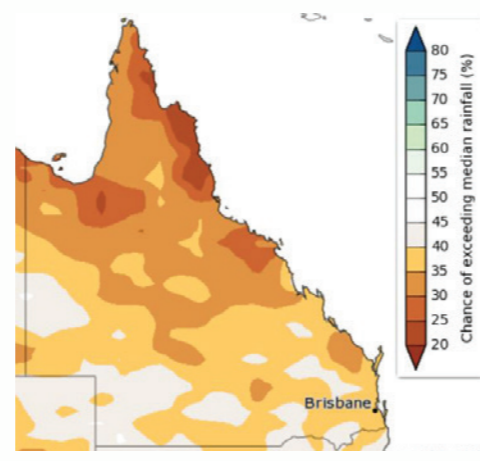
The BOM outlook is for a likely chance of exceeding the 22.1°C median maximum temperature in the Brisbane area from May to July with a 65-70% probability.



<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

Rainfall

The BOM outlook is for an unlikely chance of exceeding the 150 mm median rainfall for the Brisbane area from May to July with a 35-40% probability.



<http://www.bom.gov.au/climate/outlooks/#/rainfall/median/seasonal/0>

Off-grid community drought status

The SEQ Water Grid allows us to move treated drinking water around the region. Off-grid communities are not connected to the SEQ Water Grid.

This table has been updated as at 09 April 2021.

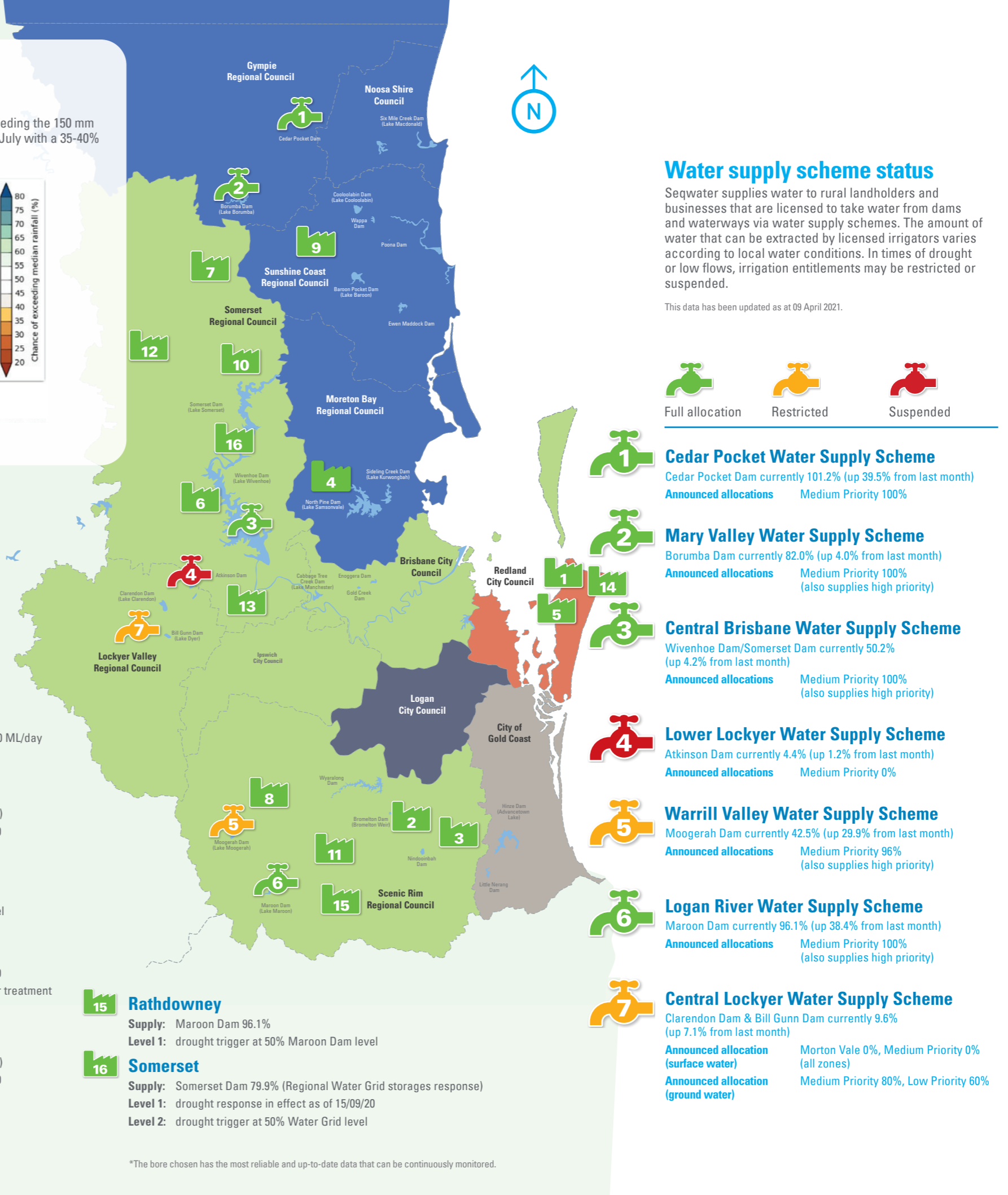
- Low probability of reaching drought trigger in next 3 months
- Medium probability of reaching drought trigger in next 3 months
- High probability of reaching drought trigger in next 3 months

- 1 Amity Point**
Supply: North Stradbroke Island groundwater
Standing water level 16.53 m AHD*
Level 1: drought trigger at 15 m AHD
- 2 Beaudesert**
Supply: Maroon Dam 96.1%
Level 1: drought trigger at 50% Maroon Dam level
- 3 Canungra**
Supply: Canungra Creek; stream flow ~500 ML/day
Level 1: preparedness and monitoring; flow falls to <7ML/day
- 4 Dayboro**
Supply: groundwater/carting; currently carting due to recent rain impacting water quality of bores
Level 1: Well No. 1 standing level falls below 40.70 m AHD
- 5 Dunwich**
Supply: North Stradbroke Island groundwater
Standing water level 16.53 m AHD*
Level 1: drought trigger at 15 m AHD
- 6 Esk**
Supply: Wivenhoe Dam 40.8% (Regional Water Grid storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 7 Jimna**
Supply: Yabba Creek; plant operating to meet demand
Level 1: preparedness and monitoring; no water flowing over the weir

- 8 Kalbar (Boonah, Aratula and Mount Alford)**
Supply: Moogerah Dam 42.5%
Level 1: drought response in effect as of 9/9/19
Level 2: drought trigger at 25% dam level
- 9 Kenilworth**
Supply: Wells near the Mary River
Mary River (at Bellbird Creek) flow ~1000 ML/day
Level 1: drought trigger at 0 ML/day flow
- 10 Kilcoy**
Supply: Somerset Dam 79.9% (Regional Water Grid storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 11 Kooralbyn**
Supply: Maroon Dam 96.1%
Level 1: drought trigger at 50% Maroon Dam level
- 12 Linville**
Supply: Brisbane River at Linville ~700 ML/day
Level 1: drought response in effect as of 15/09/20
Next drought trigger: Cart from Kilcoy when water treatment plant is unable to meet demand
- 13 Lowood**
Supply: Wivenhoe Dam 40.8% (Regional Water Grid storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 14 Point Lookout**
Supply: North Stradbroke Island groundwater
Standing water level 16.53 m AHD*
Level 1: drought trigger at 15 m AHD

- 15 Rathdowney**
Supply: Maroon Dam 96.1%
Level 1: drought trigger at 50% Maroon Dam level
- 16 Somerset**
Supply: Somerset Dam 79.9% (Regional Water Grid storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level

*The bore chosen has the most reliable and up-to-date data that can be continuously monitored.



Water supply scheme status

Seqwater supplies water to rural landholders and businesses that are licensed to take water from dams and waterways via water supply schemes. The amount of water that can be extracted by licensed irrigators varies according to local water conditions. In times of drought or low flows, irrigation entitlements may be restricted or suspended.

This data has been updated as at 09 April 2021.

- Full allocation
- Restricted
- Suspended

- 1 Cedar Pocket Water Supply Scheme**
Cedar Pocket Dam currently 101.2% (up 39.5% from last month)
Announced allocations Medium Priority 100%
- 2 Mary Valley Water Supply Scheme**
Borumba Dam currently 82.0% (up 4.0% from last month)
Announced allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
Wivenhoe Dam/Somerset Dam currently 50.2% (up 4.2% from last month)
Announced allocations Medium Priority 100% (also supplies high priority)
- 4 Lower Lockyer Water Supply Scheme**
Atkinson Dam currently 4.4% (up 1.2% from last month)
Announced allocations Medium Priority 0%
- 5 Warrill Valley Water Supply Scheme**
Moogerah Dam currently 42.5% (up 29.9% from last month)
Announced allocations Medium Priority 96% (also supplies high priority)
- 6 Logan River Water Supply Scheme**
Maroon Dam currently 96.1% (up 38.4% from last month)
Announced allocations Medium Priority 100% (also supplies high priority)
- 7 Central Lockyer Water Supply Scheme**
Clarendon Dam & Bill Gunn Dam currently 9.6% (up 7.1% from last month)
Announced allocation (surface water) Morton Vale 0%, Medium Priority 0% (all zones)
Announced allocation (ground water) Medium Priority 80%, Low Priority 60%